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## Early Warning and Crop Condition Assessment

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A Joint Program for  
Agriculture and  
Resources Inventory  
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Aerospace  
Remote Sensing

September 1980

### TAPE MERGE/COPY PROCESSOR

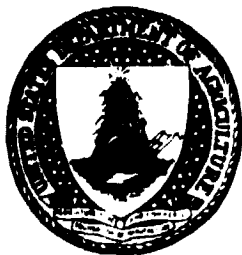
S. O. O'Brien

(E81-10060) TAPE MERGE/COPY PROCESSOR  
(Lockheed Engineering and Management) 11 p  
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Lockheed Engineering and Management Services Company, Inc.  
Houston, Texas 77058



**NASA**



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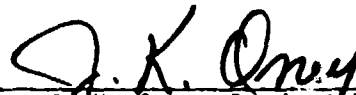
TAPE MERGE/COPY PROCESSOR

Job Order 73-368

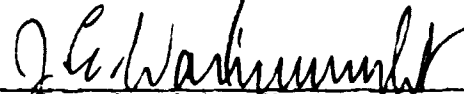
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LOCKHEED ENGINEERING AND MANAGEMENT SERVICES COMPANY, INC.

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For

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LYNDON B. JOHNSON SPACE CENTER  
HOUSTON, TEXAS

August 1980

LEMSCO-15356

## 1. GENERAL INFORMATION

### 1.1 SYSTEM NAME

TAPMRG

### 1.2 PRIMARY USER

Early Warning Crop Condition Assessment Project personnel.

### 1.3 DEVELOPING ORGANIZATION

Lockheed Engineering and Management Services Company, Inc., S. O. O'Brien.

### 1.4 COMPUTER FACILITY

The TAPMRG processor runs on a DEC PDP 11/70 computer system under the IAS operating system. It is implemented in the USDA FAS computer facility in Houston, Texas.

### 1.5 REFERENCES

1.5.1 DEC-11-LMFUA-B-D Fortran IV User's Guide

1.5.2 DEC-11-LFSMA-A-D RSX-11D Fortran Special Subroutines Reference Manual.

## 2. DESCRIPTION

### 2.1 PURPOSE

The purpose of TAPMRG is to merge or copy data files from one tape to another. Both input and output tapes are created foreign, non-Files 11 (DEC).

### 2.1 USAGE

The TAPMRG processor is set up to run as a batch job. The input will be one or more foreign generated tape files. These files may be added to another tape or copied to a new tape.

### 3. INPUT

#### 3.1 TYPES OF INPUT

##### 3.1.1 TAPE

Any foreign generated tape file with no record exceeding 4000 bytes.

##### 3.1.2 DISK

None

##### 3.1.3 CARDS

The processor requires the following system control and data cards. See figure 1 for example:

Col 1

+

\$JOB ERLYWARN2 TAPMRG 100

\$MOV/FOR MM: TAPE1 XX1:

TAPE1 = tape to be written on (output)

\$MOV/FOR MM: TAPE2 XX2:

TAPE2 = tape files to be read from (input)

\$ASSIGN XX1: 1

\$ASSIGN XX2: 2

\$RUN TAPMRG

N = 2 digit value for the number of files already written on TAPE1  
(for the copy procedure this value should be zero and TAPE1 should  
be a scratch tape).

M = 2 digit value for the number of the first file on TAPE2 that is  
to be added to TAPE1 (for the copy procedure this value should  
be 1).

L = 2 digit value for the number of files from TAPE2 to be copied to TAPE1  
(for the copy procedure this value should be the total number of files  
on TAPE2).

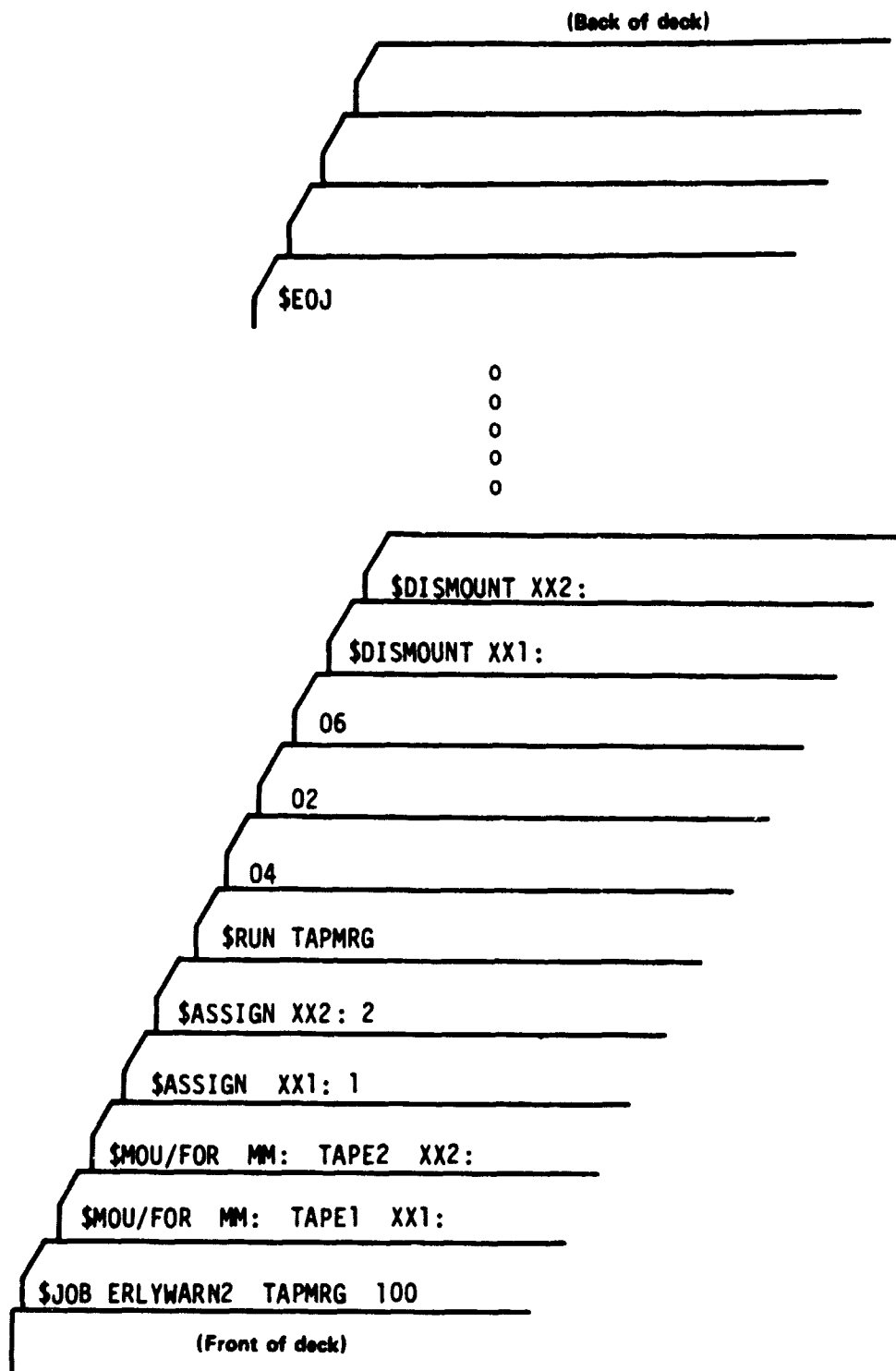


Figure 1  
Sample Deck Setup



#### 4. PROCESSING

##### 4.1 INTERACTIVE

Not applicable

##### 4.2 BATCH

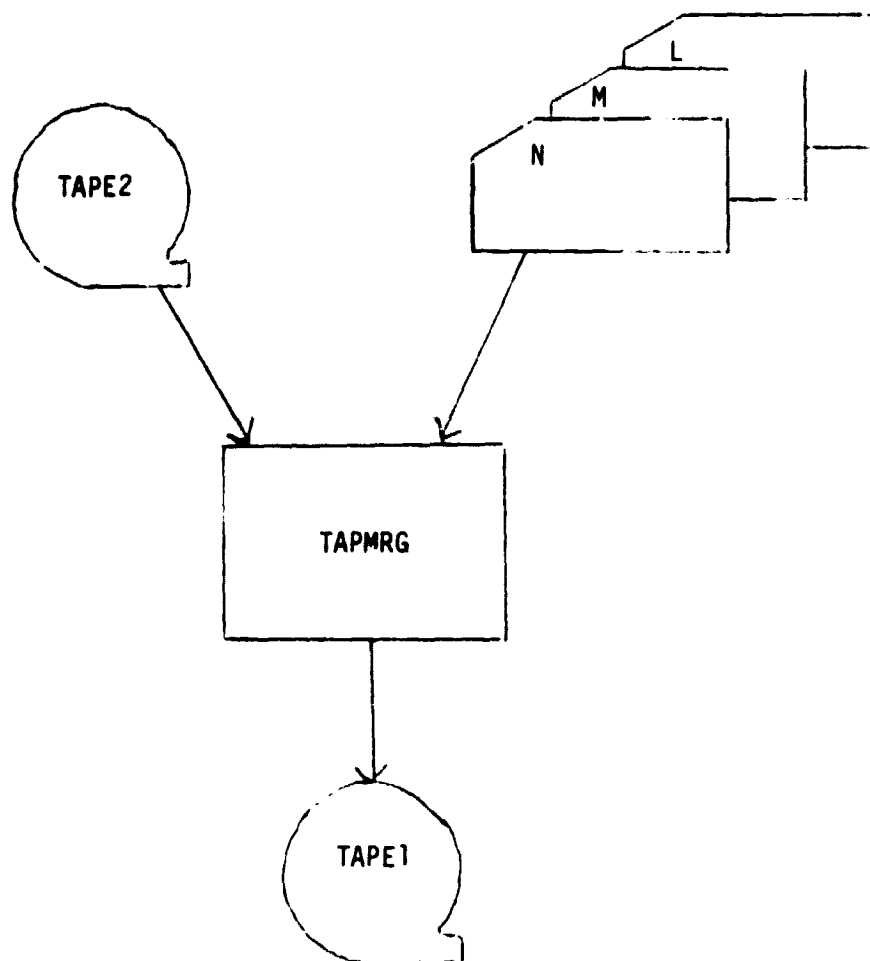
The user must submit the deck of cards as described above with a Batch Job Request form. The request form is as follows:

BATCH JOB REQUEST	NAME: S. O. O'Brien	DATE SUBMITTED 7/24/80
REQUEST INSTRUCTIONS:  Please mount TAPE1 with a write ring in it on one drive. Mount TAPE2 on the other drive. Run job.		
COMPLETION DATE	OPERATOR	

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#### 4.3 PROCESSING FLOW



## 5. OUTPUT

### 5.1 TYPES OF OUTPUT

#### 5.1.1 TAPE

Foreign tape files with no records in excess of 4000 bytes in length.

#### 5.1.2 DISK

N/A

#### 5.1.3 PAPER

No printer output unless a tape error is encountered and the job is aborted.

6. SPECIAL INSTRUCTIONS OR RESTRICTIONS

None

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